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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John C. Harvey and James W. Cuddihy:

Serial No.: 08/469,612

Filed: June 6, 1995

For: **SIGNAL PROCESSING APPARATUS
AND METHODS**

PATENT

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Group Art Unit: 2699

MAY 15 2001

Examiner: Luther, W.

Group 2600

Atty Dkt: 05634.0280

TRANSMITTAL LETTER

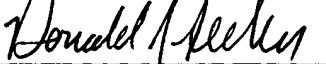
BOX: Fee Amendment

Assistant Commissioner of Patents
Washington, D.C. 20231

Applicants include in this communication:

- Information Disclosure Statement;
- PTO Form 1449;
- Check No. 3475 for \$180.00;
- Appendices A-E;
- The Commissioner is hereby authorized to charge any additional fees, or credit any overpayment to Deposit Account No. 50-0206.
 - Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
 - Any patent application processing fees under 37 CFR 1.17.

Date: May 11, 2001
HUNTON & WILLIAMS
1900 K Street, NW,
12th Floor
Washington, D.C. 20006

Respectfully submitted,

Thomas J. Scott, Jr.
Registration No. 27,836
Donald J. Lecher
Registration No. 41,933
Attorneys for Applicants
Tel: (202) 955-1938



Serial No. 08/469,612
Docket No. 5634.0280

#31
6-23-01
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For: **SIGNAL PROCESSING APPARATUS
AND METHODS**

Information Disclosure Statement

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below.

- [] 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement under 37 C.F.R. § 1.97(e) or fee is required. 37 C.F.R. § 1.97(b).
- [X] 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance. 37 C.F.R. § 1.97(c).
- [] a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- [] b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- [X] c. Attached is our Check No. 3475 in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

[] 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered. Attached is our Check No. 3475 in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(i). 37 C.F.R. § 1.97(d).

[] a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

[] b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

[] c. An accompanying petition requesting consideration of this Information Disclosure Statement and the petition fee set forth in 37 C.F.R. § 1.17(i) are included with this communication. 37 C.F.R. § 1.97(d)(2) & (3).

[] 4. Relevance of the non-English language document(s) is discussed in the present specification. 37 C.F.R. § 1.98(a)(3).

[X] 5. A concise explanation of the relevance of the non-English language document(s) appears below in Appendix A. 37 C.F.R. § 1.98(a)(3).

[X] 6. Some documents were cited in corresponding foreign applications.

[X] 7. The Examiner's attention is directed to Applicants' co-pending U.S. Patent Applications that are directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application

and the art cited therein during examination. 37 C.F.R. § 1.98(d). Attached hereto is Appendix B listing Applicants' related applications, and Appendix C that lists the prior art previously cited by the PTO in those applications.

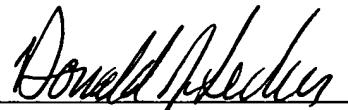
[X] 1. Copies of the documents were cited by or submitted to the Office in Applicants' Applications listed in Appendix D which are relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d). Applicants submit Appendix E which contains a list of all references not hereto previously cited in the instant application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

A single set of copied references required by 37 C.F.R. § 1.98(a) have been submitted in conjunction with this communication in Applicant's application number 08/113,329 in compliance with the PTO's instructions in the First Office Action of the above referenced application.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 50-0206.

Respectfully submitted,



Thomas J. Scott, Jr.
Registration No. 27,836
Donald J. Lecher
Registration No. 41,933
Attorneys for Applicants
Tel: (202) 955-1938

Date: May 11, 2001
HUNTON & WILLIAMS
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12th Floor
Washington, D.C. 20006



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
CITATION FORM

Attorney Docket No.

Serial No.

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08/469,612

MAY 15 2001

Applicant(s)

John C. Harvey and James W. Cuddihy

Filing Date

June 6, 1995

Group Art Group 2600
2699

UNITED STATES PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | PATENT DATE | NAME | CLASS/ SUBCLASS | FILING DATE* |
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| | 3,601,528 | August 24, 1971 | McVoy | 724/143 | June 16, 1969 |
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MAY 15 2001

Group 2600

Serial No. 08/469,612
Docket No. 5634.0280

| EXAMINER INITIAL | PATENT NUMBER | PATENT DATE | NAME | CLASS/ SUBCLASS | FILING DATE* |
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| | 3,731,197 | May 1, 1973 | Clark | 380/36 | December 15, 1969 |
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Serial No. 08/469,612
Docket No. 5634.0280

Group 2600

| EXAMINER INITIAL | PATENT NUMBER | PATENT DATE | NAME | CLASS/ SUBCLASS | FILING DATE* |
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| EXAMINER INITIAL | PATENT NUMBER | PATENT DATE | NAME | CLASS/ SUBCLASS | FILING DATE* |
|------------------|---------------|--------------------|-------------------|-----------------|--------------------|
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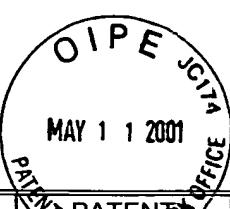


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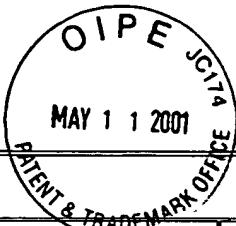
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Appendix A

A concise explanation of the relevance, as it is presently understood, of each patent, publication, or other information listed that is not in the English language. 37 C.F.R. § 1.98(a)(3).

| Reference No. | Date | Author/ Inventor | Title/Description | Explanation |
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| JP 53-121420 | | | Japanese Patent Laying Open Gazette | A billing system for pay TV is disclosed. |
| JP 60-149281 | | | Japanese Patent Laying Open Gazette | A billing system for pay TV is disclosed. |
| JP 61-267474 | | | Japanese Patent Laying Open Gazette | A receiver for pay broadcast is disclosed. |
| JP 61-20441 | | | Japanese Patent Laying Open Gazette | A broadcast system is disclosed. |
| PL 52080 | | Zaboklicki | Sposob Realizacji I Zestaw Urzadzen Aktywnej Telewizji | A method and apparatus for interactive television systems designed for a conversational reception of specially programmed television broadcasts. |
| DE 29 04 981 | | Zaboklicki | Verfahren zur Übertragung von Fernsehsignalen und System zur Durchfuhrung des Verfahrens. | A method and apparatus for interactive television systems designed for a conversational reception of specially programmed television broadcasts. |
| FR 79 03351 | | Zaboklicki | Procede de realisation et ensemble de dispositifs formant un systeme de television interactive. | A method and apparatus for interactive television systems designed for a conversational reception of specially programmed television broadcasts. |
| | 2/1985 | | “Specification du service de classe A, TeleDiffusion de France,” Antiope. | A specification of a broadcast teletext system. |
| | 6/1981 | Gautier, J.P. | “Language Telediffuse de Messagerie du Projet Ecrans Hybrides,” Antiope/Didon system. | A hybrid screen teletext electronic message system. |
| | 6/1985 | Auer, R. | “Die Warteschlange Überlistet,” Funkschau, pp. 53-56. | A fast video text queing system that decreases the waiting time with a broadcast videotext decoder. |
| | 6/1984 | | Kombinierer fur Videotextsignal, “Runfunktechnische Mitteilungen,” Jahrgang 28, (1984), | A combiner for a videotext signal that makes it possible to transfer videotext pages from several input cycles to one output cycle. |

| Reference No. | Date | Author/ Inventor | Title/Description | Explanation |
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Appendix B

List of Applicants' related co-pending applications. 37 C.F.R. § 1.98(d).

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| 08/484,865 | F | DE 2,904,891 | Zaboklicki |
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Appendix D

List of Applicants' prior applications relied upon for an earlier filing date under 35 U.S.C. 120.
37 C.F.R. § 1.98(d).

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Appendix E

List of prior art not cited in Applicants' related co-pending applications but cited in Applicants' prior applications (see Appendix D) relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

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